CLAIMS

1 A compound corresponding to the following general formula:

nitrogen-containing aromatic ring – $(NR_3)p$ – $(CO)n$- distribution agent – $(CO)m$ – $(NR'_3)q$ – aromatic or non-aromatic ring

wherein

n, m, p and q are identical or different and are integers 0 or 1; and wherein

- the nitrogen-containing aromatic ring is:
  - ◊ a quinoline optionally substituted with at least
    - one group N(Ra)(Rb) in which Ra and Rb, are identical or different, and are independently of each other hydrogen or a C1-C4 alkyl; or
    - one C1-C4 alkyl or alkoxy;
  - ◊ a quinoline possessing a nitrogen atom in quaternary form;
  - ◊ a benzamidine; or
  - ◊ a pyridine;
- the aromatic or non-aromatic ring is:
  - ◊ a quinoline optionally substituted with at least
    - one group N(Ra)(Rb) in which Ra and Rb, are identical or different, and are independently hydrogen or a C1-C4 alkyl; or
    - one C1-C4 alkyl or alkoxy;
  - ◊ a quinoline possessing a nitrogen atom in quaternary form;
  - ◊ a benzamidine;
  - ◊ a pyridine;
  - ◊ a phenyl optionally substituted with halogen, C1-C4 alkoxy, cyano, carbonylamino optionally substituted with one or more C1-C4 alkyl, guanyl, C1-C4 alkylthio, amino,

C1-C4 alkylamino, C1-C4 dialkylamino, nitro, C1-C4 alkyleneamino or C2-C4 alkenyleneamino; or

◊ a mono- or bi- or tricyclic aromatic or non-aromatic heterocyclic nucleus containing 0 to 2 heteroatoms per ring provided that at least one heteroatom is present in at least one ring optionally substituted with one or more C1-C4 alkyl, C1-C4 alkylene or C2-C4 alkenylene;

- R_3 and R'_3, which are identical or different, represent independently of each other hydrogen or C1-C4 alkyl;
- the distribution agent is:

◊ a triazine group optionally substituted with one or more radicals chosen from halogen, C1-C4 alkyl, and thio, oxy or amino which are themselves optionally substituted with one or more C1-C4 alkyl;

◊ a 5- or 6-membered heterocyclic radical containing a sulfur, oxygen or nitrogen atom;

◊ a phenyl, -NH-phenyl-NH-, -NH-phenyle-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -NH-CH2-phenyl-NH-, -CH2-phenyl-CH2-, -CH2-phenyl, -phenyl-CH2-, -CH2-thienyl-, -thienyl-CH2-, or -CH=CH-; or

◊ a diazine group; and wherein

the heterocyclic, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -NH-CH2-phenyl-NH-, -CH2-phenyl-CH2-, -CH2-phenyl, -phenyl-CH2-, -CH2-thienyl-, -thienyl-CH2-, -CH=CH-, and diazine are optionally substituted with the same groups as the triazine;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof;

with the proviso that:

when the distribution agent is phenyl optionally substituted with NH_2, and when n, m, p and q are each 1 and R_3 and R'_3 are hydrogen, then the nitrogen-containing aromatic ring and the aromatic ring are not both quinoline which, is unsubstituted or substituted on its nitrogen atom with C1-C4 alkyl; and

when the distribution agent is a triazine and both p and q are 1, then both n and m are not 0.

2 The compound according to claim 1 which binds the G-quadruplex structure of telomeres.

3 The compound according to claim 1 wherein the distribution agent is chosen from the heterocyclic group, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -NH-CH2-phenyl-NH-, -CH2-phenyl-CH2-, -CH2-phenyl, -phenyl-CH2-, -CH2-thienyl-, -thienyl-CH2-, -CH=CH- and diazine.

4 The compound according to claim 1 wherein the distribution agent is chosen from the heterocyclic group, the phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -CH2-phenyl-CH2-, -CH2-phenyl, -CH2-thienyl-, –CH=CH-, and diazine.

5 The compound according to claim 1 wherein the distribution agent is chosen from the heterocyclic group, the phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -CH2-phenyl-CH2-, –CH=CH-, and diazine.

6 The compound according to claim 1 wherein the distribution agent is chosen from the heterocyclic group, the phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH- and diazine.

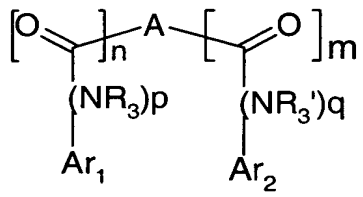
7 The compound according to claim 1 wherein the distribution agent is thienyl or pyridyl.

8 The compound according to claim 1 wherein the distribution agent is chosen from thienyl, pyridyl, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH- and diazine.

9 The compound according to claim 1 wherein the diazine group is a pyrimidine.

10 The compound according to claim 1 wherein p and q are 1.

11 The compound according to claim 1 having the following formula (IA) :



(IA)

wherein

n, m, p and q are identical or different and are integers 0 or 1;

- A represents:
  - ◊ a 5- to 6-membered heterocyclic radical containing a sulfur, oxygen or nitrogen atom;
  - ◊ a phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -NH-CH2-phenyl-NH-, -CH2-phenyl-CH2-, -CH2-phenyl, -phenyl-CH2-, -CH2-thienyl-, -thienyl-CH2- or -CH=CH-; or
  - ◊ a diazine group; and wherein

the heterocyclic, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -NH-CH2-phenyl-NH-, -CH2-phenyl-CH2-, -CH2-phenyl, -phenyl-CH2-, -CH2-thienyl-, -thienyl-CH2-, -CH=CH-, and diazine are optionally substituted with one or more radicals chosen from halogen, C1-C4 alkyl, and thio, oxy or amino which are themselves optionally substituted with one or more C1-C4 alkyl;

- R_3 and R'_3, which are identical or different, represent independently of each other hydrogen or C1-C4 alkyl;
- Ar_1 and Ar_2, which are identical or different, and are independently of each other selected from:
  - a quinoline optionally substituted with at least
    - a group N(Ra)(Rb) in which Ra and Rb are identical or different, and are independently of each other hydrogen or a C1-C4 alkyl; or
    - a C1-C4 alkyl or alkoxy;
  - a quinoline possessing a nitrogen atom in quaternary

form;

- a benzamidine;
- a pyridine optionally attached at the 4-position or fused with an aryl or heteroaryl group, optionally substituted with a C1-C4 alkyl;
- a phenyl optionally substituted with halogen, C1-C4 alkoxy, cyano, carbonylamino optionally substituted with one or more C1-C4 alkyl, guanyl, C1-C4 alkylthio, amino, C1-C4 alkylamino, C1-C4 dialkylamino, nitro, C1-C4 alkyleneamino or C2-C4 alkenyleneamino; or
- a mono- or bi- or tricyclic aromatic or non-aromatic heterocyclic ring containing 0 to 2 heteroatoms per ring provided that at least one heteroatom is present in at least one ring optionally substituted with one or more C1-C4 alkyl, C1-C4 alkylene or C2-C4 alkenylene;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof;

with the proviso that:

when A is phenyl optionally substituted with NH2 and when n, m, p and q are each 1 and R_3 and R_3' are hydrogen, then Ar_1 and Ar_2 are not both quinoline which is unsubstituted or substituted on its nitrogen atom with C1-C4 alkyl; and

when A is a triazine, and both p and q are 1, then both n and m are not 0.

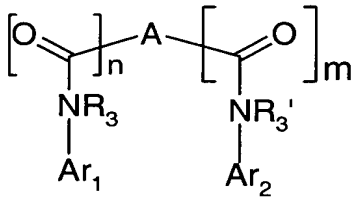
12 The compound according to claim 11 wherein A is chosen from heterocyclic group, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -NH-CH2-phenyl-NH-, -CH2-phenyl-CH2-, -CH2-phenyl, -phenyl-CH2-, -CH2-thienyl-, -thienyl-CH2-, -CH=CH- and pyrimidine.

13 The compound according to claim 11 wherein A is chosen from heterocyclic group, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -CH2-phenyl-CH2-, -CH2-phenyl, -CH2-thienyl-, –CH=CH- and pyrimidine.

14 The compound according to claim 11 wherein A is chosen from heterocyclic group, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -CH2-phenyl-CH2-, –CH=CH- and pyrimidine.

15 The compound according to claim 11 wherein the diazine group which A may represent is pyrimidine.

16 The compound according to claim 1 having the following formula (I) :



(I)

wherein

n and m are identical or different and are integers 0 or 1;

- A represents:
  - ◊ a 5- to 6-membered heterocyclic radical containing a sulfur, oxygen or nitrogen atom;
  - ◊ a phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH- or -NH-CH2-phenyl-CH2-NH-; or
  - ◊ a diazine group; and wherein

  the heterocyclic, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, and diazine are optionally substituted with one or more radicals chosen from halogen, C1-C4 alkyl, and thio, oxy or amino which are themselves optionally substituted with one or more C1-C4 alkyl;

- R_3 and R'_3, which are identical or different, represent independently of each other hydrogen or C1-C4 alkyl;
- Ar_1 and Ar_2, which are identical or different, and are independently of each other selected from :
  - a quinoline optionally substituted with at least
    - a group N(Ra)(Rb) in which Ra and Rb are identical or different, and are independently of each other

hydrogen or a C1-C4 alkyl; or

- a C1-C4 alkyl or alkoxy;

- a quinoline possessing a nitrogen atom in quaternary form;
- a benzamidine;
- a pyridine optionally attached at the 4-position or fused with an aryl or heteroaryl group, optionally substituted with a C1-C4 alkyl;
- a phenyl optionally substituted with halogen, C1-C4 alkoxy, cyano, carbonylamino optionally substituted with one or more C1-C4 alkyl, guanyl, C1-C4 alkylthio, amino, C1-C4 alkylamino, C1-C4 dialkylamino, nitro, C1-C4 alkyleneamino or C2-C4 alkenyleneamino; or
- a mono- or bi- or tricyclic aromatic or non-aromatic heterocyclic ring containing 0 to 2 heteroatoms per ring provided that at least one heteroatom is present in at least one ring optionally substituted with one or more C1-C4 alkyl, C1-C4 alkylene or C2-C4 alkenylene;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof;

with the proviso that:

when A is phenyl optionally substituted with NH2 and when n and m are 1 and R_3 and R_3' are hydrogen, then Ar_1 and Ar_2 are not both quinoline which is unsubstituted or substituted on its nitrogen atom with C1-C4 alkyl.

17 The compound according to claim 16 wherein A is chosen from thienyl, pyridyl, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH- and pyrimidine.

18 The compound according to claim 16 wherein p and q are 1.

19 The compound according to claim 16 wherein Ar_1 and Ar_2 represent:

- a quinoline optionally substituted with at least
  - a group N(Ra)(Rb) in which Ra and Rb are identical

or different, and are independently of each other hydrogen or C1-C4 alkyl; or

- a C1-C4 alkyl or alkoxy;

- a quinoline possessing a nitrogen atom in quaternary form; or
- pyridine.

20 The compound according to claim 16 wherein Ar_1 and Ar_2 are chosen from the following groups : 4-amino-, 4-methylamino-, 4-dimethylamino- or 4-alkoxy-quinolyl or -quinolinium in which the quinolinium is optionally substituted with one or two methyl groups.

21 The compound according to claim 16 wherein A is optionally substituted with one or more radicals chosen from halogen, C1-C4 thioalkyl, amino, C1-C4 alkylamino or C1-C4 dialkylamino.

22 The compound according to claim 16 wherein A is optionally substituted with methylthio or halogen.

23 The compound according to claim 1 wherein the compound is having a telomerase inhibiting activity.

24 The compound according to claim 1 wherein the compound is having an anticancer activity.

25 The compound of formula (IA) according to claim 11 wherein:
n, m, p and q are identical or different and are integers 0 or 1;

- A represents:
  - ◊ thienyl or pyridyl;
  - ◊ phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, -CH2-phenyl-CH2- or –CH=CH-; or
  - ◊ pyrimidyl optionally substituted with one or more radicals chosen from halogen or C1-C4 alkylthio;

- R_3 and R'_3, which are identical or different, represent independently of each other hydrogen or C1-C4 alkyl;
- Ar_1 and Ar_2, which are identical or different, and are independently of each other selected from :

- a quinoline optionally substituted with at least
  - a group N(Ra)(Rb) in which Ra and Rb are identical or different, and are independently of each other hydrogen or C1-C4 alkyl; or
  - a C1-C4 alkyl or alkoxy;
- a quinoline possessing a nitrogen atom in quaternary form;
- a pyridyl; or
- a mono- or bi- or tricyclic aromatic or non-aromatic heterocyclic ring containing 0 to 2 heteroatoms per ring provided that at least one heteroatom is present in at least one ring optionally substituted with one or more C1-C4 alkyl, C1-C4 alkylene or C2-C4 alkenylene;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof.

26 The compound of formula (IA) according to claim 11 wherein:

- n and m are identical or different and are integers 0 or 1, and p and q are 1;
- A represents:
  - ◊ thienyl or pyridyl;
  - ◊ phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH- or -NH-CH2-phenyl-CH2-NH-; or
  - ◊ pyrimidyl optionally substituted with one or more radicals chosen from halogen or C1-C4 alkylthio;
- R_3 and R'_3, which are identical or different, represent independently of each other hydrogen or C1-C4 alkyl;
- Ar_1 and Ar_2, which are identical or different, and are independently of each other selected from :
  - a quinoline optionally substituted with at least
    - a group N(Ra)(Rb) in which Ra and Rb, which are identical or different, and are independently of each other hydrogen or C1-C4 alkyl; or
    - a C1-C4 alkyl or alkoxy;
  - a quinoline possessing a nitrogen atom in quaternary

form;

- a pyridyl; or
- a mono- or bi- or tricyclic aromatic or non-aromatic heterocyclic ring containing 0 to 2 heteroatoms per ring provided that at least one heteroatom is present in at least one ring optionally substituted with one or more C1-C4 alkyl, C1-C4 alkylene or C2-C4 alkenylene;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof.

27 The compound according to claim 26 wherein Ar_1 and Ar_2, which are identical or different, and are independently of each other chosen from the 4-amino-, 4-methylamino-, 4-dimethylamino- or 4-alkoxy-quinolyl or -quinolinium groups in which the quinolinium is optionally substituted with one or two methyl groups.

28 The compound according to claim 26 wherein R_3 and R_3' represent hydrogen.

29 The compound according to claim 26 wherein :

1. Ar_1 represents :
   - a quinoline substituted with at least
     - one group N(Ra)(Rb) in which Ra and Rb are identical or different, and are independently of each other hydrogen or C1-C4 alkyl; or
     - a C1-C4 alkyl or alkoxy;
   - a quinoline possessing a nitrogen atom in quaternary form; and
2. Ar_2 represents
   - a quinoline substituted with at least
     - one group N(Ra)(Rb) in which Ra and Rb are identical or different, and are independently of each other hydrogen or C1-C4 alkyl; or
     - a C1-C4 alkyl or alkoxy;
   - a quinoline possessing a nitrogen atom in quaternary

form;

- a pyridyl;
- quinoline, benzimidazole, indole, benzothiophene, benzofuran, benzothiazole, benzoxazole, carbazole, quinazoline, quinoxaline, piperidyl, piperazinyl, morpholino, azepine and diaza-azepine, which are optionally substituted by one or more C1-C4 alkyl, C1-C4 alkylene or C2-C4 alkenylene;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof.

30 The compound of formula (IA) according to claim 11 chosen from :
- bis[(4-methoxy-2-methylquinolin-6-yl)-amido]-2,5-thiophenedicarboxylic acid;
- bis[(4-dimethylamino-2-methylquinolin-6-yl)-amido]-2,5-thiophenedicarboxylic acid;
- bis[(4-amino-2-methylquinolin-6-yl)-amido]-2,5-thiophenedicarboxylic acid;
- N,N'-bis(4-amino-2-methylquinolin-6-yl)isophthalamide;
- N,N'-bis(4-dimethylamino-2-methylquinolin-6-yl)terephthalamide;
- 1-(4-methoxy-2-méthylquinolin-6-yl)-3-{3-[3-(4-methoxy-2-methylquinolin-6-yl)ureido]phenyl}urea;
- 1-(4-dimethylamino-2-methylquinolin-6-yl)-3-{4-[3-(4-dimethylamino-2-methylquinolin-6-yl)ureido]phenyl}urea;
- N,N'-bis(4-amino-2-methyl-6-quinolyl)-2,4-diamino-6-chloro-5-methyl-sulfanylpyrimidine;
- bis[(4-amino-2-methyl-quinolin-6-yl)-amido]-2,5-pyridinedicarboxylic acid hydrochloride;
- bis[(4-amino-2-methylquinolin-6-yl)-amido]-2,5-pyridinedicarboxylic acid;
- N,N'-bis(4-dimethylamino-2-methylquinolin-6-yl)-but-2-enediamide;
- bis[(4-dimethylamino-2-methyl-quinolin-6-yl)-amido]-2,5-pyridinedicarboxylic acid;
- bis[(4-dimethylamino-2-methylquinolin-6-yl)-amido]-2,4-pyridinedicarboxylic acid;
- N,N'-bis(4-dimethylamino-2-methylquinolin-6-yl)-1,4-

phenylenediacetamide;

- bis[(4-amino-2-methyl-quinolin-6-yl)-amido]-2,6-pyridinedicarboxylic acid hydrochloride;

- bis[(4-amino-2-methyl-quinolin-6-yl)amido]-2,6-pyridine dicarboxylic acid;

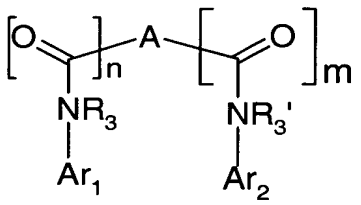
- bis[(4-dimethylamino-2-methylquinolin-6-yl)amido]-2,6-pyridinedicarboxylic acid hydrochloride; and

- bis[(4-dimethylamino-2-methylquinolin-6-yl)-amido]-2,6-pyridinedicarboxylic acid;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof..

31 The compound according to claim 30 chosen from :
- bis[(4-dimethylamino-2-methylquinolin-6-yl)-amido]-2,5-thiophenedicarboxylic acid;
- N,N'-bis-(4-amino-2-methylquinolin-6-yl)isophthalamide;
- 1-(4-dimethylamino-2-methylquinolin-6-yl)-3-{4-[3-(4-dimethylamino-2-methyl-quinolin-6-yl)ureido]phenyl}urea;
- N,N'-bis(4-amino-2-methyl-6-quinolyl)-2,4-diamino-6-chloro-5-methyl-sulfanylpyrimidine;
- bis[(4-amino-2-methylquinolin-6-yl)-amido]-2,5-pyridinedicarboxylic acid hydrochloride;
- bis[(4-amino-2-methylquinolin-6-yl)-amido]-2,5-pyridinedicarboxylic acid;
- bis-[(4-dimethylamino-2-methylquinolin-6-yl)-amido]-2,5-pyridinedicarboxylic acid; and
- bis[(4-dimethylamino-2-methylquinolin-6-yl)amido]-2,4-pyridinedicarboxylic acid;
or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof..

32 A pharmaceutical composition comprising therapeutically effective amount of a compound of formula (I) in combination with a pharmaceutically acceptable carrier ;



(I)

wherein

n and m are identical or different and are integers 0 or 1;

- A represents:
  - ◊ a 5- to 6-membered heterocyclic radical containing a sulfur, oxygen or nitrogen atom;
  - ◊ a phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH- or -NH-CH2-phenyl-CH2-NH-; or
  - ◊ a diazine group; and wherein

  the heterocyclic, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, and diazine are optionally substituted with one or more radicals chosen from halogen, C1-C4 alkyl, and thio, oxy or amino which are themselves optionally substituted with one or more C1-C4 alkyl;

- R_3 and R'_3, which are identical or different, represent independently of each other hydrogen or C1-C4 alkyl;

- Ar_1 and Ar_2, which are identical or different, and are independently of each other selected from :
  - a quinoline optionally substituted with at least
    - a group N(Ra)(Rb) in which Ra and Rb are identical or different, and are independently of each other hydrogen or a C1-C4 alkyl; or
    - a C1-C4 alkyl or alkoxy;
  - a quinoline possessing a nitrogen atom in quaternary form;
  - a benzamidine;
  - a pyridine optionally attached at the 4-position or fused with an aryl or heteroaryl group, optionally substituted with a C1-C4 alkyl;
  - a phenyl optionally substituted with halogen, C1-C4 alkoxy, cyano, carbonylamino optionally substituted with

one or more C1-C4 alkyl, guanyl, C1-C4 alkylthio, amino, C1-C4 alkylamino, C1-C4 dialkylamino, nitro, C1-C4 alkyleneamino or C2-C4 alkenyleneamino; or

- a mono- or bi- or tricyclic aromatic or non-aromatic heterocyclic ring containing 0 to 2 heteroatoms per ring provided that at least one heteroatom is present in at least one ring optionally substituted with one or more C1-C4 alkyl, C1-C4 alkylene or C2-C4 alkenylene;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof.

33 The composition according to claim 32 which further comprises an anticancer agent.

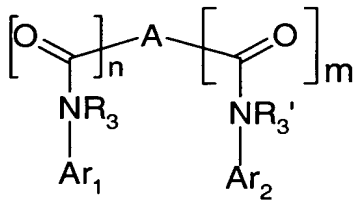
34 The composition according to claim 33 wherein the anticancer agent is chosen from alkylating agents, platinum derivatives, antibiotic agents, antimicrotubule agents, anthracyclines, group I and II topoisomerases, fluoropyrimidines, cytidine analogues, adenosine analogues, L-asparaginase, hydroxyurea, trans-retinoic acid, suramine, irinotecan, topotecan, dexrazoxane, amifostine, herceptin, oestrogenic and androgenic hormones and antivascular agents.

35 The composition according to claim 32 used in conjunction with radiation treatment.

36 The composition according to claim 33 wherein each of the components is administered simultaneously, separately or sequentially.

37. The composition according to claim 35 wherein the compound and the radiation treatment are administered simultaneously, separately or sequentially.

38. A method of treatment of a cancer in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula (I):



(I)

wherein

n and m are identical or different and are integers 0 or 1;

- A represents:
  - ◊ a 5- to 6-membered heterocyclic radical containing a sulfur, oxygen or nitrogen atom;
  - ◊ a phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH- or -NH-CH2-phenyl-CH2-NH-; or
  - ◊ a diazine group; and wherein

  the heterocyclic, phenyl, -NH-phenyl-NH-, -NH-phenyl-CH2-NH-, -NH-CH2-phenyl-CH2-NH-, and diazine are optionally substituted with one or more radicals chosen from halogen, C1-C4 alkyl, and thio, oxy or amino which are themselves optionally substituted with one or more C1-C4 alkyl;

- R_3 and R'_3, which are identical or different, represent independently of each other hydrogen or C1-C4 alkyl;

- Ar_1 and Ar_2, which are identical or different, and are independently of each other selected from :
  - a quinoline optionally substituted with at least
    - a group N(Ra)(Rb) in which Ra and Rb are identical or different, and are independently of each other hydrogen or a C1-C4 alkyl; or
    - a C1-C4 alkyl or alkoxy;
  - a quinoline possessing a nitrogen atom in quaternary form;
  - a benzamidine;
  - a pyridine optionally attached at the 4-position or fused with an aryl or heteroaryl group, optionally substituted with a C1-C4 alkyl;
  - a phenyl optionally substituted with halogen, C1-C4 alkoxy, cyano, carbonylamino optionally substituted with

one or more C1-C4 alkyl, guanyl, C1-C4 alkylthio, amino, C1-C4 alkylamino, C1-C4 dialkylamino, nitro, C1-C4 alkyleneamino or C2-C4 alkenyleneamino; or

- a mono- or bi- or tricyclic aromatic or non-aromatic heterocyclic ring containing 0 to 2 heteroatoms per ring provided that at least one heteroatom is present in at least one ring optionally substituted with one or more C1-C4 alkyl, C1-C4 alkylene or C2-C4 alkenylene;

or an isomer, an enantiomer, a diastereoisomer or a mixture thereof, or a pharmaceutically acceptable salt thereof.